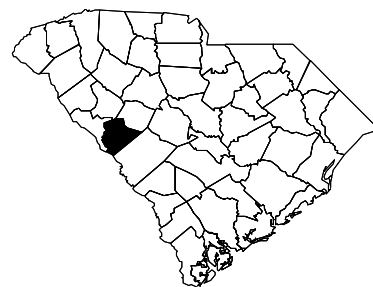


IMPACT OF CHRONIC CONDITIONS EDGEFIELD County, 2001



In the year 2001, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, pneumonia, influenza, Alzheimer's disease, septicemia, nephritis, nephritic syndrome and nephrosis. This report focuses on the chronic conditions of the population of Edgefield county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Edgefield county's population is similar to the state's. The majority (42%) of the population in Edgefield county are between the ages of 18-44, and there are more males (53%) than females (47%). Edgefield county has a higher minority population (43%) than the state (31%). When adults in Edgefield county were asked about their general health status, 81.6% reported having excellent, very good, or good health in 2001 (SC was 85%).

	EDGEFIELD COUNTY	STATE
Population size	24,470	4,063,011
Age distribution (%)		
<18	24	25
18-44	42	40
45-64	23	23
65-84	10	11
85+	1	1
Race (%)		
White	57	69
Black & Other	43	31
Sex (%)		
Male	53	49
Female	47	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2001 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Edgefield county.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	23	26
Sedentary lifestyle	47	40
Overweight	63	57
High Cholesterol	31	28

Some preventive measures such as immunization were included in the 2001 SC BRFSS. For persons age 65 and older in South Carolina:

33.8% have not received the flu shot in the past 12 months

42.1% have never had the pneumonia vaccination

Hospital/ER data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	30.2	.	.	.	.	28.6
Number of hospitalizations	26	21	5	13	13	5,141
Standard rate of hospitalizations (per 100,000)	114	257	37	128	104	129
Median age of hospitalized patients	63	63	83	53	73	63
Total cost of hospitalization (\$)	177,400	153,400	24,000	122,300	55,100	69,702,200
Average length of hospital stay (days)	4	4	3	4	3	5
Number of ER visits	35	32	3	19	16	7,398
Standard rate of ER visits (per 100,000)	145	351	19	153	132	184
Median age of ER patients	53	50	58	43	58	53
Total cost of ER visits (\$)	20,000	18,500	1,500	10,900	9,100	5,124,800
Number of deaths*	3	2	1	2	1	336
Standard death rate (per 100,000)*	12	20	7	15	9	8

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	5.41	.	.	.	.	4.15
Number of hospitalizations	45	26	19	28	17	30,127
Standard rate of hospitalizations (per 100,000)	191	305	127	232	137	749
Median age of hospitalized patients	58	58	58	58	63	68
Total cost of hospitalization (\$)	898,600	441,600	457,000	666,500	232,100	803,069,600
Average length of hospital stay (days)	3	2	3	3	3	5
Number of ER visits	25	11	14	16	9	2,753
Standard rate of ER visits (per 100,000)	114	134	99	172	73	69
Median age of ER patients	73	58	78	73	78	63
Total cost of ER visits (\$)	38,300	21,100	17,200	28,100	10,200	8,890,500
Number of deaths*	70	39	31	43	27	9,496
Standard death rate (per 100,000)*	286	380	221	331	235	233

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	3.33	.	.	.	.	2.45
Number of hospitalizations	34	20	14	19	15	14,626
Standard rate of hospitalizations (per 100,000)	158	276	97	188	120	374
Median age of hospitalized patients	78	78	73	58	83	73
Total cost of hospitalization (\$)	337,700	194,000	143,700	170,300	167,400	255,038,000
Average length of hospital stay (days)	5	6	4	4	6	6
Number of ER visits	12	9	3	5	7	2,754
Standard rate of ER visits (per 100,000)	57	125	21	66	56	70
Median age of ER patients	78	78	78	78	78	73
Total cost of ER visits (\$)	14,400	10,700	3,700	7,500	6,900	5,239,900
Number of deaths*	7	2	5	1	6	2,829
Standard death rate (per 100,000)*	29	20	36	8	52	70

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	88	51	37	48	40	15,100
Standard rate of hospitalizations (per 100,000)	387	564	255	472	337	377
Median age of hospitalized patients	58	43	68	55	60	58
Total cost of hospitalization (\$)	756,200	504,900	251,300	537,900	218,300	159,179,500
Average length of hospital stay (days)	3	3	4	4	3	5
Number of ER visits	224	169	55	109	115	42,599
Standard rate of ER visits (per 100,000)	934	1,674	408	887	1,012	1,053
Median age of ER patients	28	23	28	18	38	33
Total cost of ER visits (\$)	131,300	94,500	36,800	63,600	67,700	24,732,100
Number of deaths*	12	3	9	9	3	1,728
Standard death rate (per 100,000)*	49	29	64	69	26	43

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	9.54	.	.	.	.	8.13
Number of hospitalizations	35	30	5	17	18	8,620
Standard rate of hospitalizations (per 100,000)	146	343	35	130	147	213
Median age of hospitalized patients	53	53	53	48	65	53
Total cost of hospitalization (\$)	219,900	202,100	17,800	116,900	103,000	115,143,100
Average length of hospital stay (days)	4	4	3	4	3	6
Number of ER visits	37	22	15	18	19	8,748
Standard rate of ER visits (per 100,000)	155	261	98	149	155	217
Median age of ER patients	53	60	53	50	63	53
Total cost of ER visits (\$)	24,500	12,200	12,300	12,400	12,100	6,417,300
Number of deaths*	6	3	3	3	3	1,089
Standard death rate (per 100,000)*	25	29	21	23	26	27

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	53	33	20	21	32	24,857
Standard rate of hospitalizations (per 100,000)	226	382	140	212	266	618
Median age of hospitalized patients	58	58	60	68	53	58
Total cost of hospitalization (\$)	1,124,400	782,500	341,900	593,600	530,800	528,562,000
Average length of hospital stay (days)	6	7	6	8	5	6
Number of deaths*	54	23	31	37	17	8,262
Standard death rate (per 100,000)*	221	224	221	285	148	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	5	2	3	.	5	2,057
Standard rate of hospitalizations (per 100,000)	21	19	21	.	42	52
Median age of hospitalized patients	58	45	63	.	58	68
Total cost of hospitalization (\$)	79,200	35,900	43,300	.	79,200	65,269,600
Average length of hospital stay (days)	7	8	6	.	7	10
Number of deaths*	6	3	3	4	2	818
Standard death rate (per 100,000)*	25	29	21	31	17	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	1,650
Standard rate of hospitalizations (per 100,000)	.	.	.	.	.	41
Median age of hospitalized patients	68	.	.	.	.	63
Total cost of hospitalization (\$)	.	.	.	.	.	19,973,100
Average length of hospital stay (days)	.	.	.	.	.	2
Number of deaths*	-	-	-	-	-	595
Standard death rate (per 100,000)*	-	-	-	-	-	15

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	255
Standard rate of hospitalizations (per 100,000)	6
Median age of hospitalized patients	.	.	83	.	83	48
Total cost of hospitalization (\$)	3,859,300
Average length of hospital stay (days)	4
Number of deaths*	-	-	-	-	-	69
Standard death rate (per 100,000)*	-	-	-	-	-	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	11	9	2	10	1	2,294
Standard rate of hospitalizations (per 100,000)	50	118	16	106	8	57
Median age of hospitalized patients	68	68	83	68	78	68
Total cost of hospitalization (\$)	240,300	219,000	21,300	224,500	15,800	60,724,100
Average length of hospital stay (days)	8	8	9	8	13	8
Number of deaths*	21	11	10	16	5	2,543
Standard death rate (per 100,000)*	86	107	71	123	44	63

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	2	1	1	2	.	1,335
Standard rate of hospitalizations (per 100,000)	9	12	7	18	.	33
Median age of hospitalized patients	63	58	68	63	.	68
Total cost of hospitalization (\$)	179,300	163,500	15,800	179,300	.	21,303,500
Average length of hospital stay (days)	16	27	5	16	.	4
Number of deaths*	4	2	2	4	.	499
Standard death rate (per 100,000)*	31	20	14	31	.	25

*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

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